

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of claims:**

1.-9. (Canceled)

10. (New) A method for manufacturing a dental prosthesis, said method comprising the following steps:

- (a) recording and digitizing 3-dimensional, anatomical relationships in an oral cavity;
- (b) optionally recording and digitizing 3-dimensional data on bite rims;
- (c) optionally recording mandibular data;
- (d) processing data obtained from step (a) and optionally steps (b) and/or (c) in such a way that relevant anatomical structures for virtual placement of teeth are securely affixed, and a virtual model data record is obtained;
- (e) selecting 3-dimensional data records of fabricated, previously scanned teeth;
- (f) virtual placing of the teeth into the virtual model; and

either

- (j) transferring the virtual placing of the teeth to a model either by a positioning template, or direct placement of the teeth on the model;
- (k) affixing the teeth to the model; and

(l) attaching a denture base to the model;

or

(j) directly manufacturing a denture base, according to data for a virtual denture placement, with positioning aids for a final correct positioning and affixing of the teeth.

11. (New) The method according to claim 10, wherein step (a) comprises recording 3-dimensional, anatomical relationships in an oral cavity with the aid of a 3-dimensional camera.

12. (New) The method according to claim 10, wherein step (a) comprises scanning a plaster model.

13. (New) The method according to claim 10, which comprises following step (f) the following step:

(g) simulating mandibular movements in/on a computer.

14. (New) The method according to claim 13, which comprises following step (g) the following step:

(h) inspecting function and occlusion in/on the computer.

15. (New) The method according to claim 14, which comprises following step (h) the following step:

- (i) manually correcting the placing of teeth, and performing a new calculation to adapt the placing of teeth of to bite data and optimal occlusion.

16. (New) The method according to claim 10, wherein in step (j) the positioning template is milled or rapid prototyped.

17. (New) The method according to claim 10, wherein in step (b) the bite rims are occlusion rims.

18. (New) A device for the manufacture of a dental prosthesis comprising:

- (a) a scanning or recording apparatus making a digital 3-dimensional recording of an oral situation, on a patient or on a model;
- (b) a processing device for producing from said recording a virtual model of the oral situation;
- (c) a 3-dimensional data record for prefabricated dental prostheses;
- (d) a processing module for fitting data for prefabricated dental prostheses into the virtual model for creation of a virtual model with integrated dental prosthetic teeth;
- (e) a simulation module for mandibular movements for testing and optimizing of positions of teeth on the virtual model with the integrated dental prosthetic teeth; and
- (f) a device for manufacturing a positioning template or a denture base from the virtual model with the integrated dental prosthetic teeth.

**CONDITIONAL PETITION FOR EXTENSION OF TIME**

If entry and consideration of the amendments above requires an extension of time, Applicants respectfully request that this be considered a petition therefor. The Assistant Commissioner is authorized to charge any fee(s) due in this connection to Deposit Account No. 14-1263.

**ADDITIONAL FEE**

Please charge any insufficiency of fees, or credit any excess, to Deposit Account No. 14-1263.